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## NOVEMBER 2009 CONSTRUCTION AT \$900.1 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during November 2009 was estimated at a seasonally adjusted annual rate of \$900.1 billion, 0.6 percent ( $\pm 1.4\%$ )\* below the revised October estimate of \$905.6 billion. The November figure is 13.2 percent ( $\pm 1.4\%$ ) below the November 2008 estimate of \$1,037.3 billion.

During the first 11 months of this year, construction spending amounted to \$868.9 billion, 12.7 percent ( $\pm 1.1\%$ ) below the \$994.9 billion for the same period in 2008.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$581.2 billion, 0.7 percent ( $\pm 1.1\%$ )\* below the revised October estimate of \$585.5 billion. Residential construction was at a seasonally adjusted annual rate of \$250.7 billion in November, 1.6 percent ( $\pm 1.3\%$ ) below the revised October estimate of \$254.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$330.5 billion in November, nearly the same as ( $\pm 1.1\%$ )\* the revised October estimate of \$330.6 billion.

### PUBLIC CONSTRUCTION

In November, the estimated seasonally adjusted annual rate of public construction spending was \$318.8 billion, 0.4 percent ( $\pm 2.1\%$ )\* below the revised October estimate of \$320.1 billion. Educational construction was at a seasonally adjusted annual rate of \$83.5 billion, 0.1 percent ( $\pm 3.2\%$ )\* below the revised October estimate of \$83.6 billion. Highway construction was at a seasonally adjusted annual rate of \$87.5 billion, 2.9 percent ( $\pm 5.3\%$ )\* below the revised October estimate of \$90.2 billion.

*December 2009 data will be released on February 1, 2010 at 10:00 A.M. EST.*

*For more detailed data and methodologies, go to our website:*

<http://www.census.gov/constructionspending>

### EXPLANATORY NOTES

In interpreting changes in the statistics in this release, note that month-to-month changes in seasonally adjusted statistics often show movements which may be irregular. It may take 2 months to establish an underlying trend for total construction and as long as 8 months for specific categories of construction. The statistics in this release are estimated from several sources and surveys and are subject to sampling variability as well as nonsampling error including bias and variance from response, nonreporting, and undercoverage. Estimates of the standard errors are provided in Table 3. Whenever a statement such as "2.3 ( $\pm 3.1$ ) percent above" appears in the text, this indicates the range (-0.8 to +5.4 percent) in which the actual percent change is likely to have occurred. All ranges given are 90 percent confidence intervals and account only for sampling variability. If a range does not contain zero, the change is statistically significant. If it does contain zero, the change is not statistically significant; that is, it is uncertain whether there was an increase or decrease. Statistics for the current month are preliminary estimates subject to revision in following months as additional data become available. The average absolute percent changes from preliminary estimate to first revision for the major seasonally adjusted components are as follows: total construction, 0.5 percent; private construction, 0.6 percent; and public construction, 0.7 percent.

\* 90% confidence interval includes zero. The U.S. Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

**Table 1. Value of Construction Put in Place in the United States, Seasonally Adjusted Annual Rate**  
(Millions of dollars. Details may not add to totals due to rounding.)

Type of Construction	Nov 2009 <sup>p</sup>	Oct 2009 <sup>r</sup>	Sep 2009 <sup>r</sup>	Aug 2009	Jul 2009	Nov 2008	Percent change Nov 2009 from -	
							Oct 2009	Nov 2008
<b>Total Construction</b>	<b>900,079</b>	<b>905,591</b>	<b>910,461</b>	<b>925,524</b>	<b>934,235</b>	<b>1,037,322</b>	<b>-0.6</b>	<b>-13.2</b>
Residential	258,907	263,009	251,563	252,733	245,898	317,981	-1.6	-18.6
Nonresidential	641,172	642,582	658,897	672,791	688,337	719,341	-0.2	-10.9
Lodging	19,541	19,739	21,689	23,232	24,409	35,930	-1.0	-45.6
Office	49,170	49,588	49,927	53,947	55,978	69,673	-0.8	-29.4
Commercial	47,488	47,836	51,681	52,677	55,720	76,654	-0.7	-38.0
Health care	44,015	45,199	45,527	47,223	48,344	49,549	-2.6	-11.2
Educational	98,654	98,706	99,578	103,326	105,213	104,377	-0.1	-5.5
Religious	5,979	5,799	6,073	6,138	6,234	7,280	3.1	-17.9
Public safety	13,390	13,393	14,067	14,039	14,530	14,821	0.0	-9.7
Amusement and recreation	17,030	17,478	17,802	18,450	19,286	20,532	-2.6	-17.1
Transportation	37,244	37,257	37,886	37,259	37,817	33,784	0.0	10.2
Communication	19,417	19,321	20,369	20,025	20,062	22,095	0.5	-12.1
Power	86,946	85,830	91,710	91,792	90,799	81,841	1.3	6.2
Highway and street	87,688	90,311	88,338	85,663	85,497	83,001	-2.9	5.6
Sewage and waste disposal	25,316	24,469	24,750	24,424	23,945	25,882	3.5	-2.2
Water supply	17,042	15,533	15,621	15,740	16,472	17,528	9.7	-2.8
Conservation and development	6,215	6,091	5,334	5,687	5,706	5,390	2.0	15.3
Manufacturing	66,038	66,034	68,547	73,170	78,325	71,005	0.0	-7.0
<b>Total Private Construction <sup>1</sup></b>	<b>581,246</b>	<b>585,531</b>	<b>590,459</b>	<b>605,167</b>	<b>608,434</b>	<b>726,837</b>	<b>-0.7</b>	<b>-20.0</b>
Residential	250,729	254,931	243,231	244,651	237,273	310,470	-1.6	-19.2
Nonresidential	330,516	330,600	347,229	360,517	371,161	416,367	0.0	-20.6
Lodging	19,297	19,592	21,631	23,177	24,334	35,726	-1.5	-46.0
Office	34,036	34,796	35,307	39,300	39,967	55,790	-2.2	-39.0
Commercial	43,741	44,190	47,998	48,848	51,795	73,526	-1.0	-40.5
Health care	34,262	34,995	34,966	37,222	37,784	40,857	-2.1	-16.1
Educational	15,197	15,141	16,324	16,822	16,221	18,712	0.4	-18.8
Religious	5,931	5,765	5,994	6,123	6,213	7,259	2.9	-18.3
Amusement and recreation	5,665	5,969	6,554	7,334	7,906	9,507	-5.1	-40.4
Transportation	8,850	8,982	9,049	9,142	9,368	9,884	-1.5	-10.5
Communication	19,348	19,267	20,348	20,013	20,033	21,984	0.4	-12.0
Power	77,010	74,952	79,560	78,628	78,747	70,745	2.7	8.9
Manufacturing	65,651	65,593	67,949	72,565	77,633	70,621	0.1	-7.0
<b>Total Public Construction <sup>2</sup></b>	<b>318,834</b>	<b>320,060</b>	<b>320,001</b>	<b>320,356</b>	<b>325,801</b>	<b>310,485</b>	<b>-0.4</b>	<b>2.7</b>
Residential	8,178	8,078	8,332	8,083	8,626	7,511	1.2	8.9
Nonresidential	310,656	311,982	311,669	312,274	317,175	302,974	-0.4	2.5
Office	15,133	14,792	14,620	14,647	16,011	13,884	2.3	9.0
Commercial	3,747	3,646	3,683	3,829	3,925	3,127	2.8	19.8
Health care	9,753	10,205	10,561	10,001	10,560	8,692	-4.4	12.2
Educational	83,457	83,566	83,255	86,503	88,992	85,665	-0.1	-2.6
Public safety	12,763	12,862	13,498	13,544	14,241	14,318	-0.8	-10.9
Amusement and recreation	11,365	11,508	11,248	11,116	11,380	11,025	-1.2	3.1
Transportation	28,393	28,275	28,837	28,117	28,449	23,901	0.4	18.8
Power	9,936	10,878	12,150	13,164	12,052	11,096	-8.7	-10.5
Highway and street	87,526	90,171	88,170	85,574	85,399	82,832	-2.9	5.7
Sewage and waste disposal	24,865	24,018	24,208	23,906	23,500	25,366	3.5	-2.0
Water supply	16,800	15,322	15,377	15,530	16,164	16,993	9.6	-1.1
Conservation and development	6,171	6,066	5,307	5,657	5,687	5,356	1.7	15.2

<sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>1</sup> Includes the following categories of private construction not shown separately:  
public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>2</sup> Includes the following categories of public construction not shown separately:  
lodging, religious, communication, and manufacturing.

**Table 2. Value of Construction Put in Place in the United States, Not Seasonally Adjusted**

(Millions of dollars. Details may not add to totals due to rounding.)

Type of Construction	Nov 2009 <sup>P</sup>	Oct 2009 <sup>r</sup>	Sep 2009 <sup>r</sup>	Aug 2009	Jul 2009	Nov 2008	Year-to-date		Percent change
							Nov 2009	Nov 2008	
<b>Total Construction</b>	<b>74,837</b>	<b>81,593</b>	<b>84,662</b>	<b>87,895</b>	<b>86,192</b>	<b>86,049</b>	<b>868,939</b>	<b>994,929</b>	<b>-12.7</b>
Residential	20,992	24,247	23,424	25,278	23,398	25,882	238,817	335,513	-28.8
Nonresidential	53,845	57,347	61,238	62,618	62,795	60,167	630,122	659,416	-4.4
Lodging	1,628	1,645	1,807	1,936	2,034	2,994	23,729	33,146	-28.4
Office	4,084	4,223	4,519	4,640	4,788	5,806	51,740	65,064	-20.5
Commercial	3,990	4,236	4,664	4,723	4,877	6,492	53,691	79,169	-32.2
Health care	3,723	3,885	3,996	4,004	4,032	4,216	43,286	43,671	-0.9
Educational	7,934	8,302	9,058	10,417	10,560	8,316	96,448	96,570	-0.1
Religious	533	518	536	546	533	655	5,877	6,537	-10.1
Public safety	1,142	1,132	1,363	1,204	1,270	1,262	13,008	11,706	11.1
Amusement and recreation	1,436	1,529	1,595	1,629	1,685	1,717	17,469	19,885	-12.1
Transportation	3,315	3,498	3,598	3,488	3,413	2,963	32,683	31,325	4.3
Communication	1,636	1,700	1,745	1,640	1,713	1,812	18,232	23,479	-22.3
Power	7,120	7,531	8,169	8,139	7,914	6,830	81,722	73,462	11.2
Highway and street	7,435	9,305	10,023	9,770	9,417	6,839	79,891	76,665	4.2
Sewage and waste disposal	2,239	2,307	2,263	2,216	2,107	2,244	22,941	23,155	-0.9
Water supply	1,444	1,402	1,389	1,398	1,411	1,473	14,679	15,590	-5.8
Conservation and development	532	444	593	488	509	443	5,237	4,871	7.5
Manufacturing	5,655	5,691	5,920	6,382	6,535	6,105	69,490	55,121	26.1
<b>Total Private Construction <sup>1</sup></b>	<b>48,149</b>	<b>52,436</b>	<b>52,918</b>	<b>55,977</b>	<b>54,393</b>	<b>60,479</b>	<b>573,257</b>	<b>711,358</b>	<b>-19.4</b>
Residential	20,324	23,580	22,632	24,576	22,628	25,276	231,425	328,760	-29.6
Nonresidential	27,825	28,856	30,286	31,401	31,765	35,204	341,832	382,598	-10.7
Lodging	1,608	1,633	1,803	1,931	2,028	2,977	23,639	32,729	-27.8
Office	2,873	2,992	3,115	3,345	3,380	4,698	37,997	53,012	-28.3
Commercial	3,667	3,948	4,299	4,379	4,539	6,234	50,199	75,980	-33.9
Health care	2,905	3,064	3,018	3,185	3,158	3,488	34,232	35,806	-4.4
Educational	1,219	1,304	1,376	1,578	1,517	1,497	15,520	17,180	-9.7
Religious	529	516	529	545	531	653	5,859	6,509	-10.0
Amusement and recreation	470	509	551	617	669	788	7,210	9,569	-24.7
Transportation	794	807	806	804	791	871	8,361	9,064	-7.8
Communication	1,630	1,695	1,744	1,639	1,711	1,803	18,194	23,333	-22.0
Power	6,375	6,610	7,033	6,924	6,869	5,974	70,342	62,711	12.2
Manufacturing	5,622	5,654	5,870	6,331	6,477	6,073	68,982	54,672	26.2
<b>Total Public Construction <sup>2</sup></b>	<b>26,688</b>	<b>29,157</b>	<b>31,744</b>	<b>31,918</b>	<b>31,799</b>	<b>25,570</b>	<b>295,682</b>	<b>283,571</b>	<b>4.3</b>
Residential	668	667	792	702	770	606	7,392	6,753	9.5
Nonresidential	26,020	28,491	30,952	31,216	31,030	24,964	288,290	276,818	4.1
Office	1,211	1,231	1,405	1,294	1,408	1,108	13,744	12,052	14.0
Commercial	323	288	365	344	338	258	3,492	3,189	9.5
Health care	818	821	978	820	874	728	9,053	7,866	15.1
Educational	6,715	6,999	7,682	8,839	9,043	6,819	80,928	79,391	1.9
Public safety	1,089	1,083	1,310	1,159	1,244	1,220	12,583	11,090	13.5
Amusement and recreation	966	1,020	1,044	1,012	1,016	930	10,259	10,316	-0.6
Transportation	2,521	2,691	2,792	2,684	2,621	2,092	24,322	22,261	9.3
Power	745	921	1,136	1,215	1,046	856	11,381	10,750	5.9
Highway and street	7,418	9,290	10,007	9,761	9,408	6,823	79,768	76,464	4.3
Sewage and waste disposal	2,199	2,266	2,215	2,171	2,070	2,198	22,525	22,637	-0.5
Water supply	1,425	1,382	1,364	1,376	1,388	1,432	14,374	14,942	-3.8
Conservation and development	528	441	591	485	507	440	5,208	4,819	8.1

<sup>P</sup> Preliminary    <sup>r</sup> Revised

<sup>1</sup> Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>2</sup> Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Table 3. **Coefficients of Variation and Standard Errors by Type of Construction**  
(Percent)

Type of Construction	Coefficient of variation		Standard error		
	Monthly estimate	Year-to-date estimate	Year-to-date change	Month-to-month change	Month-to-month change from prev. year
<b>Total Construction</b>	<b>0.9</b>	<b>0.5</b>	<b>0.7</b>	<b>0.9</b>	<b>0.9</b>
Residential	4.3	2.6	3.3	2.3	4.2
Nonresidential	0.9	0.5	0.7	0.9	0.9
Lodging	1.9	1.5	1.4	1.3	1.6
Office	2.3	1.8	2.2	1.3	2.3
Commercial	3.4	2.2	1.4	2.4	1.8
Health care	2.0	1.4	1.8	1.2	2.2
Educational	2.1	1.4	1.9	1.7	2.3
Religious	5.6	3.2	3.4	4.8	5.7
Public safety	2.9	1.9	2.8	2.2	3.6
Amusement and recreation	3.8	2.9	3.0	2.1	3.2
Transportation	2.7	2.1	2.5	1.9	4.9
Communication	NA	NA	NA	NA	NA
Power	0.9	0.5	0.8	0.5	0.8
Highway and street	3.6	1.6	2.3	3.3	4.6
Sewage and waste disposal	3.2	2.1	2.5	2.6	4.1
Water supply	3.7	2.2	2.7	4.4	4.4
Conservation and development	2.9	1.6	3.6	4.9	8.2
Manufacturing	1.4	1.0	1.5	0.9	1.3
<b>Total Private Construction</b>	<b>1.0</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.8</b>
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.0	0.7	0.8	0.7	0.8
Lodging	1.9	1.5	1.4	1.3	1.6
Office	3.2	2.6	2.4	1.9	2.4
Commercial	3.7	2.3	1.4	2.5	1.7
Health care	2.4	1.7	2.1	1.5	2.4
Educational	3.5	2.7	2.8	2.4	3.3
Religious	5.6	3.2	3.4	4.8	5.7
Amusement and recreation	5.4	4.2	3.4	3.0	3.0
Transportation	10.4	7.2	5.5	6.3	8.7
Communication	NA	NA	NA	NA	NA
Power	0.8	0.5	0.6	0.4	0.6
Manufacturing	1.5	1.1	1.5	0.9	1.3
<b>Total Public Construction</b>	<b>1.3</b>	<b>0.7</b>	<b>1.1</b>	<b>1.3</b>	<b>1.7</b>
Residential	4.3	2.6	3.3	2.3	4.2
Nonresidential	1.3	0.7	1.1	1.4	1.7
Office	2.2	1.8	3.9	1.5	4.0
Commercial	7.2	5.1	6.6	5.8	13.9
Health care	2.8	2.1	3.3	2.1	4.4
Educational	2.3	1.6	2.2	2.0	2.8
Public safety	2.9	1.9	3.0	2.3	3.7
Amusement and recreation	5.0	4.0	4.7	2.7	5.5
Transportation	2.8	2.2	2.7	1.9	5.2
Power	4.1	3.1	6.3	3.4	6.9
Highway and street	3.7	1.6	2.3	3.3	4.6
Sewage and waste disposal	3.2	2.1	2.5	2.6	4.2
Water supply	3.8	2.3	2.8	4.4	4.4
Conservation and development	2.9	1.6	3.6	4.9	8.3

NA Not applicable